

**ABSTRACT**

Resin members, on the surfaces of which metal films are formed, are used for; an auxiliary air passage provided in a main air passage, in which a sensor element of a physical  
5 quantity sensor such as an air flow sensor, an intake-air temperature sensor, etc., is situated; a housing; and so forth; in order to decrease both the thermal conductivity and the emissivity of those components to respective small values, whereby the temperature increase of the sensor due  
10 to both the heat conduction and the heat radiation can be suppressed.